CONTENTS OF PREVIOUS VOLUMES

Volume 1

Viscosities of dilute polymer solutions W. R. Moore
Photodegradation of high polymers Robert E. Fox
Recent developments in the polymerization of conjugated dienes W. Cooper and G. Vaughan
Recent developments in the study of the dielectric behaviour of polymers M. E. Baird

Volume 2

Solid-state polymerization G. C. Eastmond
A review of the poly(azoles) J. P. Critchley
Thermodynamic and physical properties of polymer crystals formed from dilute solution L. Mandelkern
Gel permeation chromatography J. F. Johnson and R. S. Porter

Volume 3

The high resolution NMR spectroscopy of polymers F. A. Bovey
Block copolymers E. B. Bradford and L. D. McKeever
Emulsion polymerization A. E. Alexander and D. H. Napper
Cationic polymerization A. Tsukamoto and O. Vogl

Volume 4

Synthetic biologically active polymers L. G. Donaruma
Anionic polymerization S. Bywater
Cyclopolymerization G. B. Butler, G. C. Corsfield and C. Aso
Chemical modification of unsaturated polymers A. Brydon and G. G. Cameron

Volume 5

Gas chromatographic measurements of polymer structure and interactions Derek G. Gray
Photochemical probes in polymers J. L. R. Williams and R. C. Daly

Polymer supported catalysts Y. CHAUVIN, D. COMMEREUC and F. DAWANS

Volume 6

Radiation processing for flammability resistance R. LIEPINS, V. STANNETT and W. K. WALSH
The use of polystyrene in the modification of the properties and application of cellulosic fibres, membranes and timber composites J. T. GUTHRIE
Kinetics, statistics and mechanisms of polymer–transformation reactions E. A. BOUCHER
Recent progress in the polymerization of lactams J. SEBENDA
Plastic coatings for laser fusion targets R. LIEPINS, M. CAMPBELL and R. J. FRIES
Migration of components from plastics-packaging materials into packed goods—test methods and diffusion models K. FIGGE

Volume 7

Plastics engineering R. J. CRAWFORD

Volume 8

Coenzyme catalyses in micelles, polymers and host molecules S. SHINKAI
Redox polymerization G. S. MISRA and U. D. N. BAJPAI
Progress in polyacetylene chemistry C. I. SIMIONESCU and V. PERCEC
The role of donor–acceptor complexes in polymerization D. J. T. HILL, J. J. O'DONNELL and P. W. O'SULLIVAN
Design and properties of polymers as materials for fine chemistry A. GUYOT and M. BARTHOLIN
Scaling concepts in the interpretation of diffusion and sedimentation phenomena in semidilute polymer and polyelectrolyte solutions B. NYSTRÖM and J. ROOTS
Preparation, characterization, solution properties and rheological behaviour of polyacrylamide W.-M. KULICKE, R. KNIEWSKE and J. KLEIN
Recent advances in the synthesis, degradation and stabilization of poly(phenylene oxides) R. CHANDRA

Volume 9

Biodegradation of biomedical polymers J. KOPEČEK and K. ULBRICH
Synthesis and properties of block copolycondensates: a review of recent advances J.-C. BOLLINGER
Some new water purification processes based on polymers B. A. BOLTO
Liquid crystal formation in cellulose and cellulose derivatives R. D. GILBERT and P. A. PATTON
Spontaneous termination in living polymers M. D. GLASSE
Ultrasonic studies of macromolecules R. A. PETHRICK
Polymers in electron beam and X-ray lithography W. SCHNABEL and H. SOTOBAYASHI

Volume 10

Grafting of vinyl monomers to cellulose by ceric ion initiation D. J. MCDOWALL, B. S. GUPTA and V. T. STANNETT
Charge-transfer initiation and termination N. N. DASS
New developments in block polymerization R. JEROME, R. FAYT and T. OUHADI
Graft copolymerization onto cellulosics S. N. BHATTACHARYYA and D. MALDAS
Intramolecular diffusion-controlled reactions and polymer dynamics C. CUNIBERTI and A. PERICO
Alternating copolymers from macrozwitterions I. J. MCEWEN

Volume 11

Recent progress in the degradation of polyisobutylene R. CHANDRA
Review of investigations on degradation and stabilization of poly (l-butene) R. CHANDRA
Low pressure manufacture of polyethylene T. E. NOWLIN
Polyacetylene: its synthesis, doping and structure A. M. SAXMAN, R. LIEPINS and M. ALDISSI
Grafting of synthetic polymers to natural polymers by chemical processes O. Y. MANSOUR and A. NAGATY
Mechanisms describing reactions of halogens with keratin fibers N. FAIR and B. S. GUPTA
Recent developments in the degradation and stabilization of poly (l-butene) R. P. SINGH
Characterization of polymers by means of ^{13}C NMR spectroscopy D. E. AXELSON and K. E. RUSSELL

Reactivity and physico-chemical properties of nitrogen-containing carbon-chain polymers in aqueous solutions
Yu. E. KIRSH